

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2004/001876

A. CLASSIFICATION OF SUBJECT MATTER

C10G 9/32, B01D 1/00, B01J 8/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C10G*, B01D *, B01J*

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used)
Delphion, Canadian Patent Database, USPTO

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No(s).
A	US 4,409,101 Salikhov et al (1983.10.11)	1-25
A	US 5,658,455 Hammond et al (1997.08.19) cited in application	1-25
A	US 5,714,056 Hammond et al (1998.02.03) cited in application	1-25
A	US 5,919,352 Hammond et al (1999.07.06) cited in application	1-25
A	US 6,596,242 Dries (2003.07.22)	1-25

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:
 "A" document defining the general state of the art which is not considered to be of particular relevance
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 "P" document published prior to the international filing date but later than the priority date claimed

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 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "Z" document member of the same patent family

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CA2004/001876

Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
US4409101	11-10-1983	none	
US5658455	19-08-1997	AU3403497 A CA2290022 A1 DE697311270 D1 EP0893499 A1 JP2002504181T T US5658455 A WO9858040 A1	04-01-1999 23-12-1998 11-11-2004 19-04-2000 05-02-2002 19-08-1997 23-12-1998
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